

IN THE CLAIMS:

Please amend the claims as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) An information processing method in an information processing apparatus, which generates an object in a three-dimensional virtual space and is connected to another information processing apparatus through a network to share the three-dimensional virtual space, the method comprising:

an acquisition step of acquiring unique information from said another information processing apparatus, wherein the unique information uniquely identifies the information processing apparatus on the network;

an object generation step of generating an object in the three-dimensional virtual space;

a first generation step of generating local identification information to identify each of objects generated by said object generation step in the information processing apparatus;

an identification information a second generation step of generating global identification information of the object generated in said object generation step to identify each of the objects generated by said object generation step among all information processing apparatuses that share the three-dimensional virtual space, based on both the local identification information and the unique information of the information processing apparatus; and

a transmitting step of transmitting, the global identification information with object information necessary for causing said another information processing apparatus to generate the object in the three-dimensional virtual space presented by said another information processing apparatus, to said another information processing apparatus through the network.

2. (Previously Presented) The method according to claim 1, wherein said another information processing apparatus, from which the unique information is acquired, is a management information processing apparatus which manages the unique information of all information processing apparatuses that share the three-dimensional virtual space.

3. (Canceled)

4. (Previously Presented) The method according to claim 2, further comprising:

a reception step of receiving the unique information with the object information relating to the object processed by the another information processing apparatus, and

an object processing step of executing a process, based on the object information received in the reception step, to the object corresponding to the unique information in the three-dimensional virtual space presented by the information processing apparatus.

5. (Currently Amended) An information processing method in a management information processing apparatus, the management information apparatus managing information processing apparatuses which share a three-dimensional virtual space, the method comprising:

a unique information determining step of determining unique information for each of the information processing apparatuses, wherein the unique information is different from each other;

a sending step of sending the unique information determined in the determining step for each of the information processing apparatus to the corresponding one of the information processing apparatuses; and

a receiving step of receiving object information relating to an object processed in the three-dimensional virtual space presented by one of the information processing apparatuses with global identification information including local identification information and the unique information that has been sent in the sending step, by the information processing apparatus from which the object information is sent, wherein said local identification information is used to identify the object in the information processing apparatus.

6. (Previously Presented) The method according to claim 5, further comprising an object processing step of executing a process, based on the object information received by the receiving step, to the object corresponding to the unique information included in the received object information.

7. (Canceled)

8. (Currently Amended) A computer-readable storage medium on which is stored a computer-executable program which causes a computer apparatus to execute an information processing method which generates an object in a three-dimensional virtual space, the computer apparatus being connected to another information processing apparatus through a network to share the three-dimensional virtual space, the method comprising:

an acquisition step of acquiring unique information from said another information processing apparatus, wherein the unique information uniquely identifies the information processing apparatus on the network;

an object generation step of generating an object in the three-dimensional virtual space;

a first generation step of generating local identification information to identify each of objects generated by said object generation step in the information processing apparatus;

~~an identification information~~ a second generation step of generating global identification information of the object generated in said object generation step to identify each of objects generated by said object generation step among all information processing apparatuses that share the three-dimensional virtual space, based on both the local identification information and the unique information of the information processing apparatus; and

a transmitting step of transmitting, the global identification information with object information necessary for causing said another information processing apparatus to generate the object in the three-dimensional virtual space presented by said another information processing apparatus, to said another information processing apparatus through the network.

9. (Canceled)

10. (Currently Amended) An information processing apparatus which generates an object in a three-dimensional virtual space and is connected to another information processing apparatus through a network to share the three-dimensional virtual space, the apparatus comprising:

an acquisition unit that acquires unique information from said another information processing apparatus, wherein the unique information uniquely identifies the information processing apparatus on the network;

an object generation unit that generates an object in the three-dimensional virtual space;

a first generation unit that generates local identification information to identify each of objects generated by said object generation unit in the information processing apparatus;

~~an identification information~~ a second generation unit that generates global identification information of the object generated by said object generation unit to identify each of objects generated by said object generation unit among all information processing

apparatuses that share the three-dimensional virtual space, based on both the local identification information and the unique information of the information processing apparatus; and

a transmitting unit that transmits the global identification information with object information necessary for causing said another information processing apparatus to generate the object in the three-dimensional virtual space presented by said another information processing apparatus, to said another information processing apparatus through the network.

11. (Currently Amended) A management information processing apparatus that manages information processing apparatuses which share a three-dimensional virtual space, the management information processing apparatus comprising:

a unique information determination unit that determines unique information for each of the information processing apparatuses, wherein the unique information is different from each other;

a sending unit that sends each of the unique information determined by the determination unit for each of the information processing apparatus to the corresponding one of the information processing apparatuses; and

a receiving unit that receives information relating to an object processed in the three-dimensional virtual space presented by one of the information processing apparatuses with global identification information including local identification information and the unique information that has been sent in the sending step, by the information processing apparatus from which the object information is sent, wherein said

local identification information is used to identify the object in the information processing apparatus.

12. (Canceled)

13. (Currently Amended) An information processing system comprising:  
a plurality of information processing apparatuses connected through a network to share a three-dimensional virtual space, each of the information processing apparatuses comprising:

an acquisition unit that acquires unique information from a management information processing apparatus connected through the network, wherein the unique information uniquely identifies the information processing apparatuses on the network;

an object generation unit that generates an object in the three-dimensional virtual space;

a first generation step of generating local identification information to identify each of objects generated by said object generation step in the information processing apparatus;

an identification information a second generation unit that generates global identification information of the object generated by said object generation unit to identify each of objects generated by said object generation unit among all information processing apparatuses that share the three-dimensional virtual space, based on both the local identification information and the unique information processing apparatus; and

a transmitting unit that transmits the global identification information with object information necessary for causing another information processing apparatus to generate the object in the three-dimensional virtual space presented by said another information processing apparatus, to said management information processing apparatus through the network; and

the management information processing apparatus managing the plurality of information processing apparatuses, the management information processing apparatus comprising;

a unique information determination unit that determines unique information for each of the plurality of information processing apparatuses;

a sending unit that sends each of the unique information determined by the determination unit for each of the information processing apparatus to the corresponding one of the information processing apparatuses; and

a receiving unit that receives the object information relating to the object processed in the three-dimensional virtual space presented by each of the plurality of information processing apparatuses with the global identification information, wherein said local identification information is used to identify the object in the information processing apparatus.

14. (Canceled)